### INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/003731

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61B19/00

According to International Patent Classification (IPC) or to both national classification and iPC

### **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  $IPC \ 7 \qquad A61B \quad B25J$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	US 5 740 699 A (BALLANTYNE ET AL) 21 April 1998 (1998-04-21) column 2, line 19 - line 43; figure 1	1-4,9, 10,16, 17,23
Х	US 5 792 135 A (MADHANI ET AL) 11 August 1998 (1998-08-11) column 7, line 45 - line 63; figure 5	1,3, 16-20,23
E	US 2004/253079 A1 (SANCHEZ DAN) 16 December 2004 (2004-12-16) paragraphs '0032!, '0033!; figure 4	1-4, 9-11,16
Х	WO 99/10137 A (MICRODEXTERITY SYSTEMS; CHARLES, STEVE, T; STOUGHTON, ROBERT, S) 4 March 1999 (1999-03-04) page 22, line 1 - page 23, line 5; figure 8	1-4,9, 10,16, 17,23
	-/	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filling date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filling date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document.  "Example of the same patent family
Date of the actual completion of the international search  14 March 2005	Date of mailing of the international search report  21/03/2005
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo ni, Fax: (+31–70) 340–3016	Authorized officer  Mayer-Martenson, E

# BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/003731

	tinuation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.						
A	US 2003/018323 A1 (WALLACE DANIEL T ET AL) 23 January 2003 (2003-01-23) abstract	22						
ı								
. <i>.</i>								

# BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International Application No PCT/IB2004/003731

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5740699	Α	21-04-1998	JP	9029681	Α	04-02-1997
US 5792135	Α	11-08-1998	CA	2255934		27-11-1997
			JP	2002504863	T	12-02-2002
			US	5976122		02-11-1999
			US	2002103476		01-08-2002
			WO	9743942		27-11-1997
			US	6371952		16-04-2002
			CA	2255692		27-11-1997
			JP	2002503976	T	05-02-2002
			MO	9743943		27-11-1997
			US	5797900		25-08-1998
			US	5807377 	Α	15-09-1998
US 2004253079	<b>A1</b>	16-12-2004	NONE			
WO 9910137	Α	04-03-1999	AU	9036098	A	16-03-1999
			WO	9910137		04-03-1999
			US	6330837		18-12-2001
US 2003018323	A1	23-01-2003	US	2004162547	A1	19-08-2004
			CA	2451824		09-01-2003
			EP		A2	21-04-2004
			JP		T	27-01-2005
			WO	03001986		09-01-2003
			WO	03001987		09-01-2003
			US	2003036748		20-02-2003